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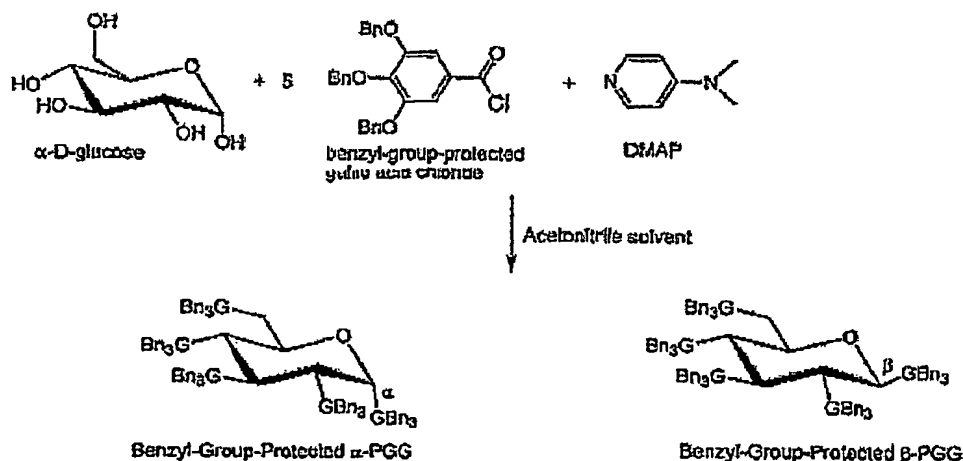
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(54) Title: AN EFFICIENT METHOD TO SYNTHESIZE BENZYL GROUP-PROTECTED ALPHA-PENTAGALLOYLGLUCOSE (A-PGG) AND ITS ANALOGUES



(57) Abstract: A method to synthesize benzyl group protected alpha-pentagalloylglucose (α -PGG) and related compounds. The method comprises the steps of: suspending a highly reactive acylation agent and an acylating catalyst in a donor solvent; adding α -D-glucose or an analogue thereof to the mixture; reacting the mixture at room temperature for a time sufficient for reaction to occur; evaporating the solvent; taking up the residue in an appropriate solvent; filtering the residue and solvent mixture; and evaporating off the solvent.



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